

FIG. 1

100

WIRELESS COMMUNICATION DEVICE



LNA
108

RF MIXER
112

FILTER
124

A/D
128

DIGITAL
VGA
132

RAKE
RECEIVERS
136

AGC
134

DSP
140

116

VOLTAGE
CONTROLLED
OSCILLATOR
120

135

129

113

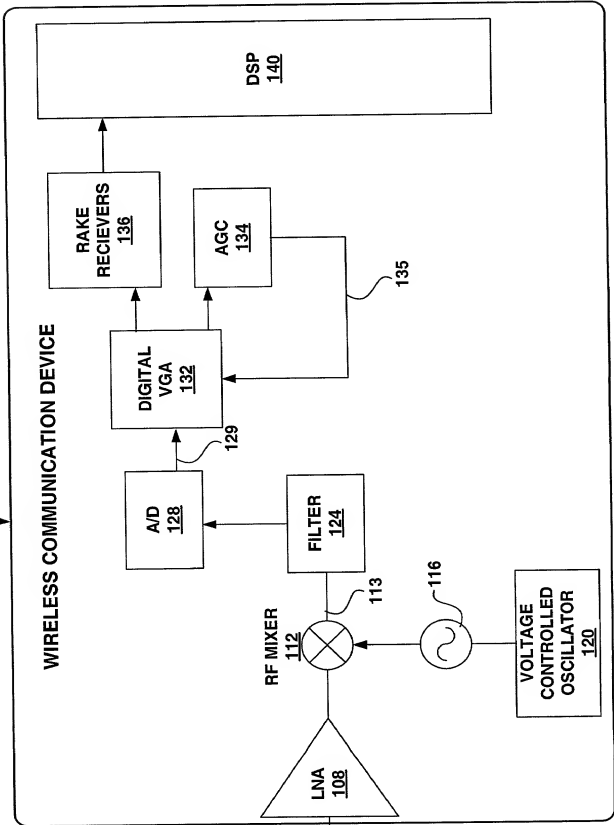


FIG. 2

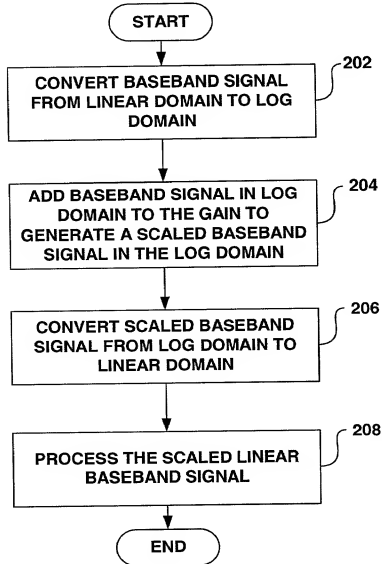


FIG. 3

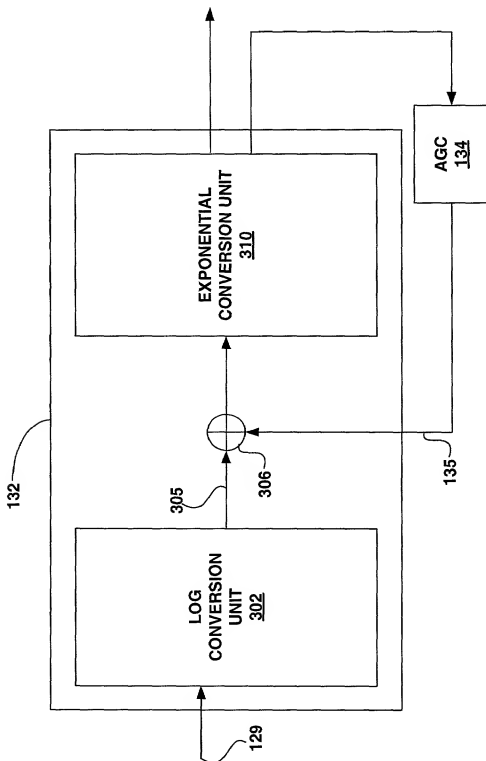


FIG. 4

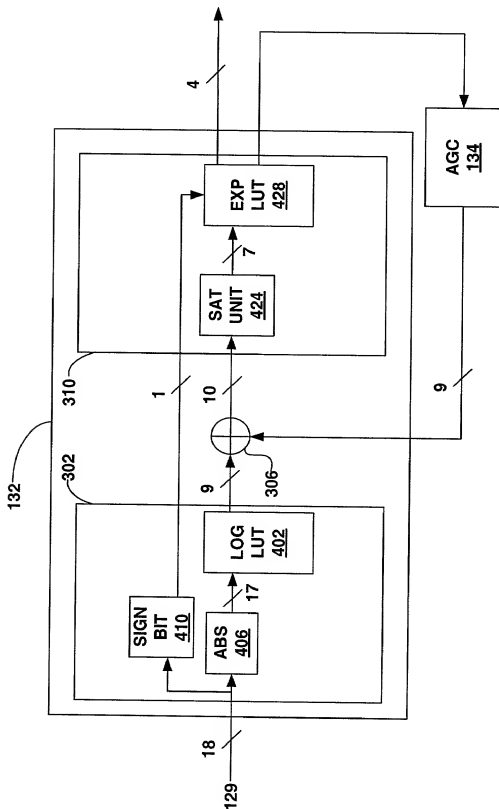


FIG. 5A

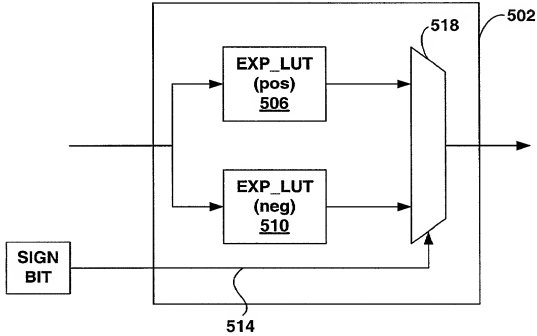


FIG. 5B

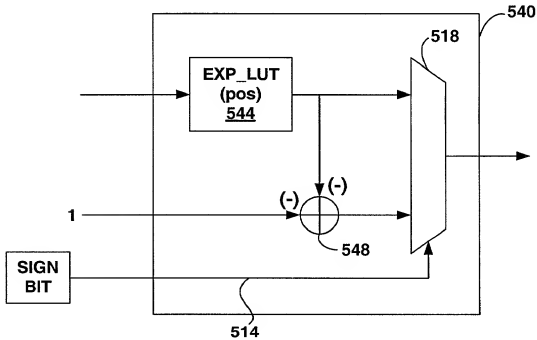


FIG. 5C

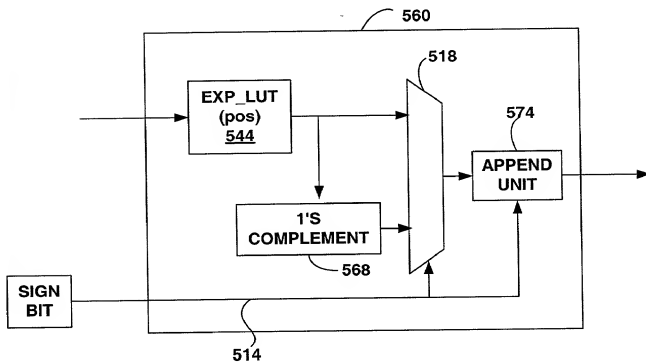


FIG. 6

FIG. 6

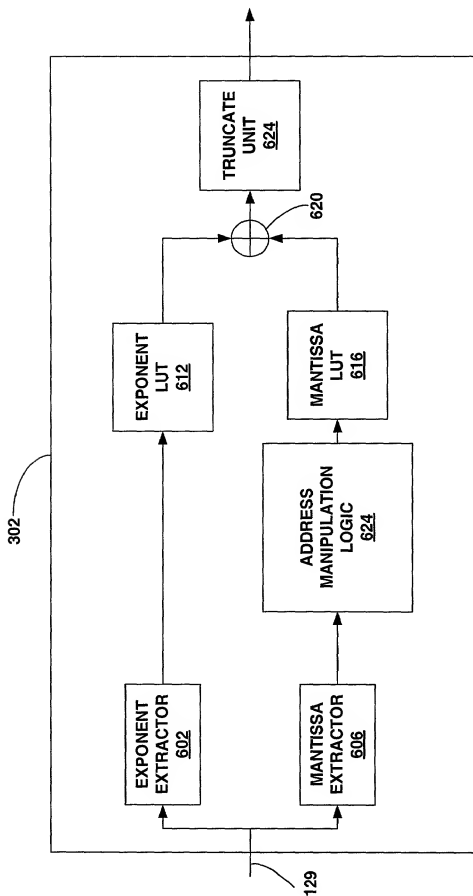


FIG. 7A

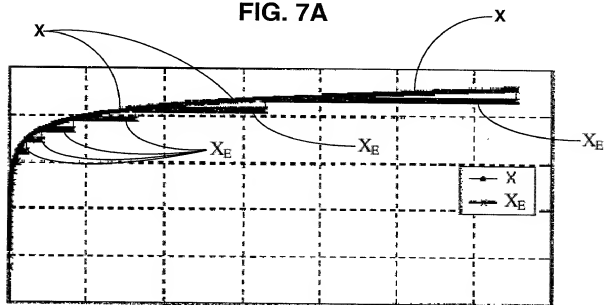


FIG. 7B

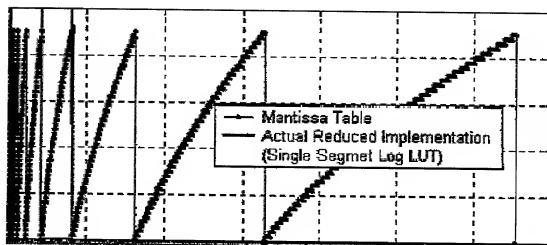


FIG. 8

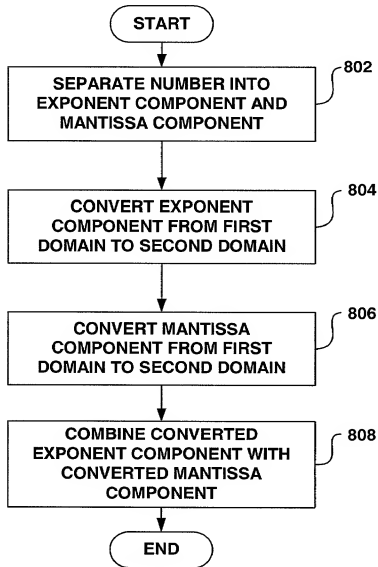


FIG. 9

